

SIO Shipyard Representative Bi-Weekly Progress Report		
Project: AGOR 28	Contract No.: N00014-12-C-0305	Shipyard: Dakota Creek Industries
Prepared by: Paul D. Bueren Scripps Institution of Oceanography (SIO) 297 Rosecrans St. San Diego, CA 98106	Date: July 17, 2014	Program Officer: Robert (Tim) Schnoor Office of Naval Research 875 Randolph St ONR 321 Arlington, VA 22203-1995
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51. Meetings:

- i. Participated in weekly conference calls.
- ii. Travel to Scripps for Maintenance, Purchase and Inventory software training.

2. The following Shipyard Question Submittals were reviewed and commented on:

No questions this reporting period.

3. Logistics:

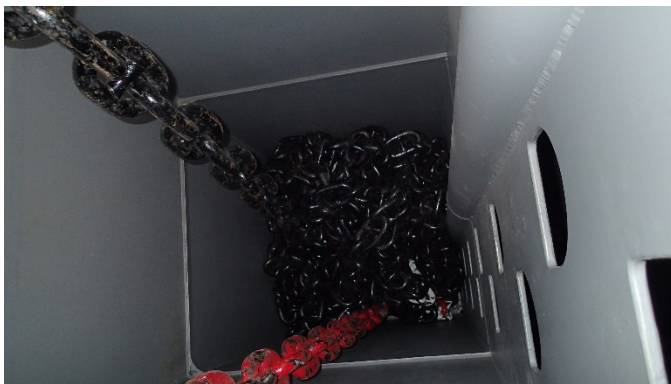
- i. Continuing to review Vendor Recommended Spares (VRS).
- ii. Continuing to review Technical Manuals and Supplemental Information.
- iii. Continuing to work on initial outfitting lists for Sally Ride.
- iv. Set up spread sheets for imports to NS5 Enterprise Maintenance and Purchase software.

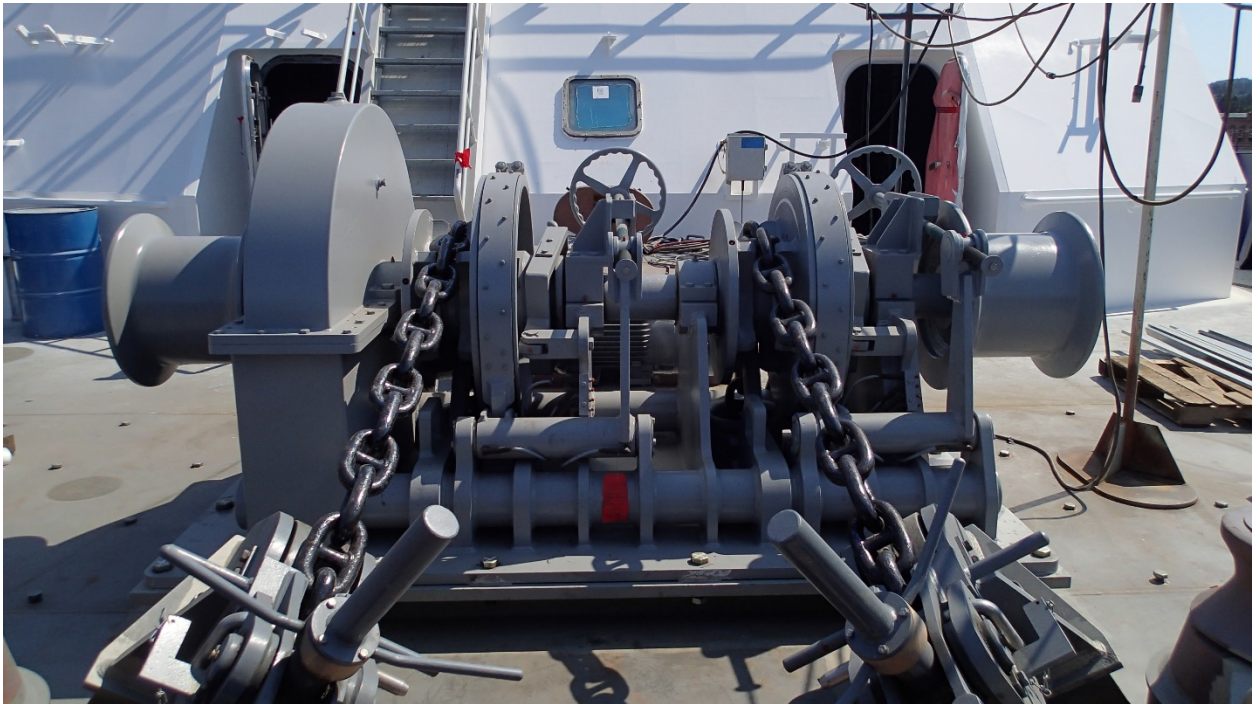
4. Other Work Items:

- Sally Ride Progress –
 - Main focus continues to be on seawater piping. Additional pipefitters are on board installing piping systems for seawater cooling, bilge & ballast and the fire main.
 - Side access to engine room has been closed. Welding of seams is ongoing.
 - Vacuum piping to 01 & Foc'sle deck water closets is complete.
 - Electrical trades have run cables from the switchboards to all four generators
 - HVAC- Main Lab Unit Cooler installed in overhead. FW cooling piping work has commenced to and from A/C compressor units.
 - Fire station piping installation is ongoing and near completion.
 - Outfitting is minimal. Carpenter is firring in Pilot House and fitters are laying out joiner work on the 01 & Foc'sle Decks.
 - Transducer Room – Scaffolding removed and space painted. Grating installed. EM 122 and 710 wet surfaces have been painted. Temporary transduce covers fabricated, fitted and ready for installation.
- SSAS Button Locations – Yard asked for guidance on locating the Ship Security Alert System buttons. Operators agreed on the MCC for the remote location. The other is located on the SCC.
- C-Wing J-box Locations – Yard asked for guidance on the location of the Kongsberg C-Wing Joy stick controller junction boxes. Operators agreed with the aft Pilot House, aft staging bay and between the two handling systems at the main deck fwd.

Report Documentation Page				Form Approved OMB No. 0704-0188	
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1. REPORT DATE 17 JUL 2014		2. REPORT TYPE		3. DATES COVERED 00-00-2014 to 00-00-2014	
4. TITLE AND SUBTITLE AGOR 28				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Scripps Institution of Oceanography (SIO),297 Rosecrans St.,San Diego,CA,98106				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 11	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

- Sally Ride Anchor Windlass and Chain – Anchor windlass was tested per procedure. Port and starboard chain stowed in chain locker. 8-shots per side. Anchors attached.





- Sally Ride Sea Water Piping – CuNi piping w/ pipe supports.

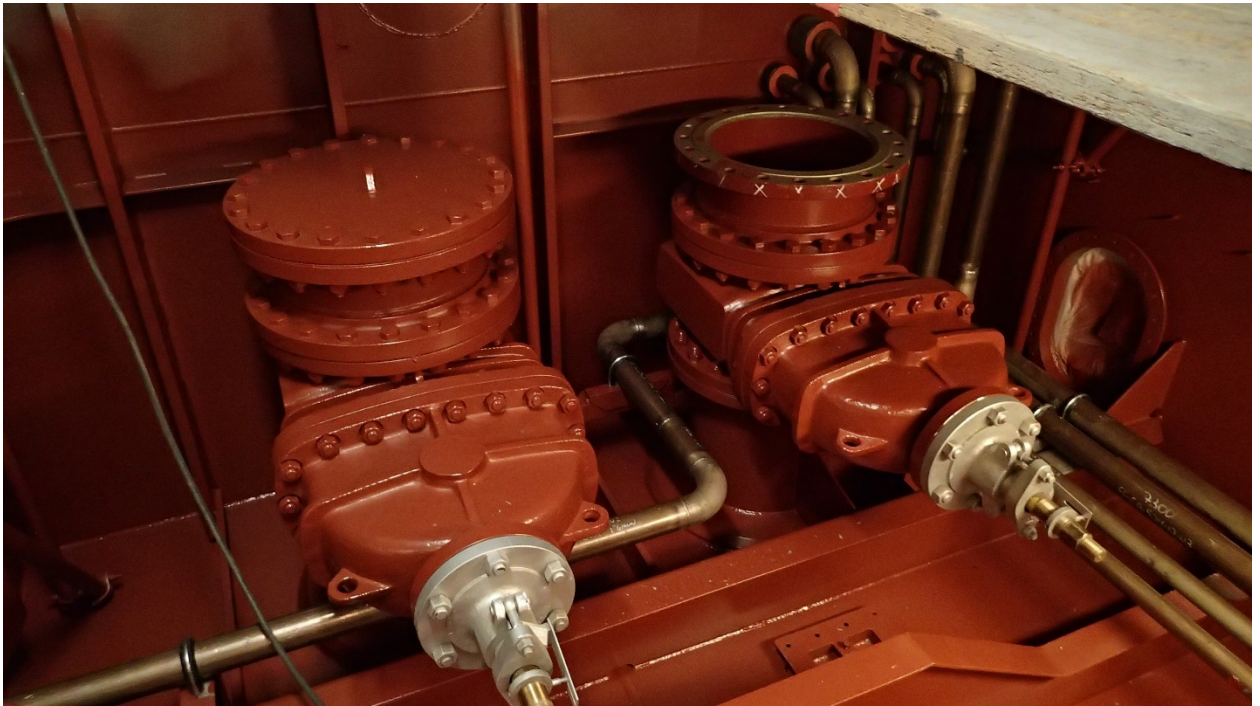


- Sally Ride AC Compressor Room – FW cooling piping w/ temperature regulating valves.



- Sally Ride Transducer Room – Scaffolding removed and gratings installed. Painting ongoing.





- Sally Ride Pilot House – Delta T paint applied and joiner work commenced.



- Sally Ride Stern Frame – foundation sockets fitted



- Sally Ride Side Shell – Temporary side access to engine room sealed. Screen door not an option.



- Sally Ride Call-Outs – ABS was in attendance. No problems reported.

MOD 3: Computer Lab – raised sockets
 MOD 4: ET Ship – Raised Sockets / floor framing
 MOD 5: Workshop – equipment foundations
 MOD 9: Ventilation Trunk
 HWC Room
 MOD 3: Transducer Room
 MOD 5/6: Main Deck

Equipment Foundation

MOD 1: Bow Thruster Room
 MOD 2: Elevator Pit
 MOD 3: State Room MD-1, Scullery, Galley
 MOD 4: Switchboard Room, Drive Room
 MOD 6: Stern Thruster Machinery Room
 MOD 9: Mud Room, Locker MD-3, Locker MD-4

MOD 6: Gantry Sockets (T)
 MOD 9: Davit (ship structure)
 Boarding Ladder (ship structure)
 MOD 10: PH – HIPAP BERP
 MOD 13: Aft Control Station – Module Integration

5. The following DRL's were reviewed and commented on:

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR27	A031-03	STD Report - TEST PROCEDURES (310-001-3 Ship Service Generators Operational Test Rev A)(R/ASR)	123/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (259-001-2 Diesel Engine Exhaust System Installation)(R/ASR)	125/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72001-12 Siemens IAS400 Integrated Automation System)(DARC REV)	1079/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 720263-01 Ampco Maxim Desalinator Recirculation Pump)(R/ASR)	1164/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#452 DI-055 (TM) for 532a Ampco Maxim Desalinator Recirculation Pump)(R/ASR)	905/0
AGOR27	A027-08	DWG Report - HVAC DIAGRAMS (HVAC Diagrams & Heat Calculations Rev E)(R/ASR)	12/0

AGOR27	A031-03	STD Report - TEST PROCEDURES (095-002-6 Propulsion Ship Noise & Vibration Survey (Dockside) Rev -)(R/ASR)	127/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (313-001-3 24 VDC Chargers, Batteries, and Alarm Test)(R/ASR)	129/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (314-005-3 DC Power 42 Volts)(R/ASR)	131/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (533-002-2 FLUSHING PROCEDURE FOR THE CHILLED WATER SYSTEM)(R/ASR)	133/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (533-001-2 HYDROSTATIC OF THE CHILLED WATER SYSTEM)(R/ASR)	135/0
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES (DR #15 MEETING MINUTES)(R/ASR)	99/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (235-001-4 Main Propulsion Motors, Thrusters, and Drives)(R/ASR)	137/0
AGOR27	A031-04	STD Report - TEST REPORT (320-002-3 Test Report Cover Letter and Attachments)(R/ASR)	28/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72435-01 NR Proco Expansion Joints)(DARC REV)	889/1
AGOR28	A031-04	STD Report - TEST REPORT (603-001-2 Draft Mark Verification Test Report)(R/ASR)	5/0
AGOR27	A027-35	DWG Report - INSULATION SCHEDULE (Insulation Schedule)(R/ASR)	7/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72005-06 Markey CAST-6 Dual Overboard Handling System)(DARC REV)	923/1
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720497-01 NR NIBCO T-235-Y Globe Valve)(R/ASR)	1166/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720488-01 NR Parker Flex Hose Components)(R/ASR)	1168/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720437-01 NR Parker Flex Hose Components)(R/ASR)	1170/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720415-01 NR WATTS Chilled Water Exp Tank Assy)(R/ASR)	1172/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS () (R/ASR)	1174/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720530-01 NR McMaster-Carr Hyd Hose)(R/ASR)	1176/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#453 DI-055 (TM) for 532d WATTS Chilled Water Expansion Tank Assembly)(R/ASR)	907/0

AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#454 DI-055 (TM) for 551 Starting Air System Flex Hose Components)(R/ASR)	909/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#455 DI-055 (TM) for 532f Ship Service Diesel Generator #1 Flex Hose Components)(R/ASR)	911/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#456 DI-055 (TM) for 505 532f NIBCO Figure T-235-Y Bronze Globe Valve)(R/ASR)	913/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#458 DI-055 (TM) for 532d 532f Nalco NALCOOL 2000 Rust Inhibitor)(R/ASR)	917/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#459 DI-055 (TM) for 244 Dodge Bearings Grease Line Flex Hoses)(R/ASR)	919/0
AGOR27	A031-04	STD Report - TEST REPORT (533-001-2 Hydrostatic of the Chilled Water System Report)(R/ASR)	30/0
AGOR27	A031-04	STD Report - TEST REPORT (524-001-2 Hydrostatic of the Seawater Cooling System Report)(R/ASR)	32/0
AGOR27	A031-04	STD Report - TEST REPORT (533-005-2 Flushing Procedure for Central Freshwater Cooling Systems Report)(R/ASR)	34/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (720562 REISNER DIST)(R/ASR)	1442/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (720563 COMMERCIAL FIRE)(R/ASR)	1443/0
AGOR27	A035-13	DWG Report - MCSC AND SCC FACE ARRANGEMENT (Console Face Arrg. Rev L (final version))(DARC REV)	10/0
AGOR27	A052	STD Report - CONFIGURATION DATABASE LISTING (CDBL) (DI-052 (CDBL) Monthly Submittal #29)(R/ASR)	76/0
AGOR27	A059	STD Report - STUDENT GUIDES (DI-059 (Student Guide) for Hundested)(R/ASR)	19/0
AGOR28	A007	STD Report - PURCHASE ORDERS (PO) (730342 REISNER)(R/ASR)	1243/0
AGOR27	A031-04	STD Report - TEST REPORT (529-001-2 Bilge Hydrostatic Pressure Testing)(R/ASR)	26/0
AGOR28	A031-04	STD Report - TEST REPORT (573-011-3 Dumb Waiter ILO & Operational Test)(R/ASR)	3/0
AGOR28	A031-04	STD Report - TEST REPORT (602-002-2 Anchor Chain Marking Verification Report)(R/ASR)	7/0

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